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EXAMINER
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VUU, HENRY

ART UNIT	PAPER NUMBER
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2179

DATE MAILED: 11/03/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. 10/606,410	Applicant(s) MUNRO ET AL.	
	Examiner Henry Vuu	Art Unit 2179	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 25 June 2003.
- 2a) ☐ This action is FINAL.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-32 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-32 is/are rejected.
- 7) ☒ Claim(s) 8 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 June 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date: _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Claim Objections***

Claim 8 is objected to because of the following informalities: Claim 8 is objected to because as the phrase "form" is a typographical error. According to the claim, the examiner interprets this typographical error as the phrase "from. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1 – 32 are rejected under 35 U.S.C. 102(b) as being anticipated by Friend et al. (Pub. No. 2001/0032165).

As to independent claim 1, Friend et al. teaches:

A method to facilitate a search (see e.g., para. [0011], lines 13 – 21; i.e., facilitating a search corresponds to a search using selection criteria based on a categorical hierarchical structure) of a database (database – see e.g., para. [0011], line 13 – 16; i.e., the categorical hierarchical structure within the database corresponds to the

Art Unit: 2179

database) utilizing multiple search criteria (see e.g., para. Fig. 10; i.e., searching or requesting for a commodity can defined by multiple selection criteria, such as "Category", "Subcategory", "Type", etc.), the method including: receiving first and second search criteria from a user (see e.g., Fig. 10 and para. [0091], lines 6 – 9; i.e., the user indicates through drop-down menus the first and second search criteria, such as choosing a search criteria from "Category" drop-down menu and another search criteria from "Subcategory" drop-down menu); and presenting the user with an option selectively to include and exclude (see e.g., Fig. 10 and para. [0091], lines 6 – 9; i.e., the drop-down menu of "Category", "Subcategory" and/or "Type" is an option presented to the user to selectively include or exclude user defined search criteria) each of the first and second search criteria (see e.g., Fig. 10 and para. [0091]) from a search query run against the database (database – see e.g., para. [0011], line 13 – 16; i.e., the categorical hierarchical structure within the database corresponds to the database).

As to dependent claim 2, Friend et al. teaches:

The method of claim 1, which includes conducting a search of the database utilizing the search query, the search query including at least one of the first and second search criteria as included by the user (see e.g., Fig. 10 and para. [0093]; the necessary entry fields have been completed by the user, and the form is submitted for searching).

As to dependent claim 3, Friend et al. teaches:

The method of claim 1, which includes: presenting a search interface (see e.g., Fig. 10 and para. [0028]; i.e., the "Request For Commodity Quote" form is an interfaced used to receive user search criteria) to the user to receive the first and the second search

criteria (see e.g., Fig. 10 and para. [0091]; i.e., the user would indicate through drop-down menus what "Category", "Subcategory" and/or "Type" of commodity is being sought), the search interface providing the user with a limitation option to limit a scope of any search query including the first search criteria (see e.g., Fig. 10 and para. [0091] – [0092]; i.e., the user is able to limit the scope of the search query by selecting search criteria from keyboard entry fields, "Category", "Subcategory", and/or Type" drop-down menus); monitoring selection of the limitation option by the user (see e.g., Fig. 10; i.e., the "Request For Commodity Quote" interface allows the user to monitor the selection of limitation defined by the user); and monitoring an indication from the user that indicates inclusion or exclusion of each of the first and second search criteria within the search query (see e.g., Fig. 10 and para. [0091]; i.e., the "Category" and "Subcategory" drop-down menus are inclusive and exclusive, wherein the inclusive and exclusive user defined search criteria of the "Category" and "Subcategory" drop-down menus are monitored through the "Request For Commodity Quote" interface).

As to dependent claim 4, Friend et al. teaches:

The method of claim 1, wherein the database forms part of a network-based commerce facility (see e.g., para. [0011]; the network-based commerce facility corresponds to an agricultural market place for electronic transactions utilizing a database for categorical hierarchical structure of categories).

As to dependent claim 5, Friend et al. teaches:

The method of claim 4, wherein the network-based commerce facility (see e.g., para. [0011]; the network-based commerce facility corresponds to an agricultural market

place for electronic transactions) is a network-based auction facility (see e.g., para. [0039]; i.e., the network-based auction facility corresponds to a system that allows marketing and distribution transaction of goods between one entity and another) and the first and the second search criteria (see e.g., Fig. 10 and para. [0091]) are associated with listings of products up for auction on the auction facility (see e.g., Fig. 12 para. [0083], lines 20 – 28; i.e., after all necessary search criteria fields are inputted by the user, Fig. 12 displays the search hit for the commodities).

As to dependent claim 6, Friend et al. teaches:

The method of claim 5, wherein the network-based auction facility (see e.g., para. [0039]; i.e., the network-based auction facility corresponds to a system that allows marketing and distribution transaction of goods between one entity and another) is a web-based auction facility (see e.g., Fig. 1 and para. [0049]; i.e., the trading platform is accessed through the World Wide Web (WWW), in which the WWW trading platform corresponds to a web-based auction facility), the method including rendering to the user a web page (see e.g., Fig. 10 and para. [0043], lines 17 – 21; i.e., the system for implementing the search of particular goods is Internet based) including: a first search criteria section for receiving the first search criteria from the user; and a second search criteria section for receiving the second search criteria from the user (see e.g., Fig. 10 and para. [0091], lines 6 – 9; i.e., the user indicates through drop-down menus the first and second search criteria, such as choosing a search criteria from “Category” drop-down menu and another search criteria from “Subcategory” drop-down menu), the second search criteria being associated with one of a plurality of categories (see e.g.,

Art Unit: 2179

Fig. 10 and para. [0091]; i.e., wherein the "Subcategory" drop-down menu is a child of the "Category" drop-down menu) in which listings are arranged (see e.g., Fig. 12; i.e., the selection of a search criteria from "Category" and "Subcategory" drop-down menu results in Fig. 12 being displayed to the user).

As to dependent claim 7, Friend et al. teaches:

The method of claim 6, wherein the second search criteria (see e.g., para. [0091], line 8; the second search criteria corresponds to the "Subcategory" drop-down menu) section provides a plurality of optional search criteria (see e.g., Microsoft Computer Dictionary 5<sup>th</sup> Edition; a drop-down menu is defined as " a menu that drops from the menu bar when requested and remains open without further action until the user closes it or chooses a menu item", therefore the "Subcategory" drop-down menu provides a plurality of optional search criteria) at least one of which is selectable by the user to define the second search criteria (see e.g., para. [0091], lines 6 – 9; i.e., the user would indicate through the "Subcategory" drop-down menu to refine the search of a commodity).

As to dependent claim 8, Friend et al teaches:

The method of claim 5, which includes: responsive to a first search request from the user (see e.g., para. [0078], lines 43 – 46; i.e., after a key word is entered into the "key word" field, the "go" button is actuated, which corresponds to the system being responsive to a first search request from the user), conducting a first search of the database (see e.g., para. [0078], lines 20 – 28; i.e., "key word" field is used to conduct a first search of the database) to locate listings based on a first search query (see e.g.,

Art Unit: 2179

para. [0083], lines 23 – 28; i.e., the key word value inputted into the “key word” field will result in a set of listings based on the key word query), wherein the first search query includes the first search criteria but not the second search criteria (simple search – see e.g., para. [0078], lines 17 – 20; i.e., “simple search” uses the first criteria, such as a key word, to obtain a listing, which will result in allowing the user to further refine the search criteria); responsive to a second search request from the user (see e.g., para. [0093], lines 1 – 8; after the user defines the preferred drop-down fields and the second criteria is sent to the database in order to display Fig. 12), conducting a second search of the database to locate listings based on a second search query (see e.g., para. [0091], lines 6 – 9; i.e., the second search query corresponds to the user selecting the preferred value for “Subcategory” drop-down menu, which is then sent to the database in order to display Fig. 12), wherein the second search query includes both the first and the second search criteria (see e.g., Fig. 10 and para. [0091]; i.e., the second search query is a result of the first search query, in which a key word is inputted by the user, which further corresponds to the drop-down menu “Category”. The user is able to refine the search query by using drop-down menu “Subcategory”); and responsive to a third search request from the user (see e.g., Fig. 12 and para. [0109]; i.e., the third search request from the user corresponds to the “display” parameter), conducting a third search of the database to locate listings based on a third search query (see e.g., Fig. 12 and para. [0109]; i.e., the “display” parameter is a drop-down menu used to conduct a search associated with the “display” parameter value), wherein the third search query includes the second search criteria but not the first search criteria (see e.g., para. [0109]).



As to dependent claim 9, Friend et al. teaches:

The method of claim 1, wherein the first search criteria is a keyword (see e.g., para. [0078], lines 43 – 46; i.e., after a key word is entered into the “key word” field, the “go” button is actuated, which corresponds to the system being responsive to a first search request from the user) that identifies at least one category (see e.g., Fig. 10 and para. [0091]; i.e., the at least one category corresponds to the “Request For Commodity Quote” page being displayed, due to the key word search query, wherein the “Category” drop-down menu has at least one category associated with the first search criteria due to the key word initially entered) of listings included within the database (see e.g., para. [0083], lines 23 – 28; i.e., the key word value inputted into the “key word” field will result in a set of listings based on the key word query of the database), and the second search criteria is an attribute associated with a listing stored in the database (see e.g., para. [0069]; i.e., for example, the first search criteria may be a search for fruits, wherein the second search criteria corresponds to subcategories such as oranges, apples, etc. within the database).

As to dependent claim 10, Friend et al. teaches:

The method of claim 1, wherein the first search criteria is a keyword (see e.g., para. [0078], lines 43 – 46; i.e., after a key word is entered into the “key word” field, the “go” button is actuated, which corresponds to the system being responsive to a first search request from the user) that identifies at least one category (see e.g., Fig. 10 and para. [0091]; i.e., the at least one category corresponds to the “Request For Commodity Quote” page being displayed, due to the key word search query, wherein the “Category”

drop-down menu has at least one category associated with the first search criteria due to the key word initially entered) of listings included within the database (see e.g., para. [0083], lines 23 – 28; i.e., the key word value inputted into the “key word” field will result in a set of listings based on the key word query of the database), and the second search criteria identifies at least one sub-category of the at least one category (see e.g., para. [0069]; i.e., for example, the first search criteria may be a search for fruits, wherein the second search criteria corresponds to subcategories such as oranges, apples, etc. within the database).

As to dependent claim 11, Friend et al teaches:

The method of claim 3, wherein the search interface maintains a display of each of the first and second search criteria (see e.g., Fig. 10 and para. [0028]; i.e., the “Request For Commodity Quote” form is an interfaced used to receive user search criteria, wherein “Category” and “Subcategory” drop-down menu are elements displayed on the request form), regardless of whether the first and second search criteria are each selected by the user to be included within the search query (see e.g., Fig. 10 and para [0028]; i.e., the drop-down menu “Category” and/or “Subcategory” fields are optional fields that can be defined by the user for further refining of a search).

As to independent claim 12, claim 12 differs from claim 1 only in that claim 12 is an apparatus claim using a machine-readable medium (memory 26 – see e.g., para. [0044]; i.e., memory 26 includes memories, such as RAM, ROM, and EEPROM) containing executable instruction (see e.g., para. [0044]; i.e., instructions provided as an application software routine) that when executed, causes a processor (control processor

24 – see e.g., para. [0044]) to perform the steps of claim 1. Thus, claim 12 is analyzed as previously discussed with respect to claim 1 above.

As to dependent claim 13, claim 13 differs from claim 2 only in that claim 13 is an apparatus claim using a machine-readable medium (memory 26 – see e.g., para. [0044]; i.e., memory 26 includes memories, such as RAM, ROM, and EEPROM) containing executable instruction (see e.g., para. [0044]; i.e., instructions provided as an application software routine) that when executed, causes a processor (control processor 24 – see e.g., para. [0044]) to perform the steps of claim 2. Thus, claim 13 is analyzed as previously discussed with respect to claim 2 above.

As to dependent claim 14, claim 14 differs from claim 3 only in that claim 14 is an apparatus claim using a machine-readable medium (memory 26 – see e.g., para. [0044]; i.e., memory 26 includes memories, such as RAM, ROM, and EEPROM) containing executable instruction (see e.g., para. [0044]; i.e., instructions provided as an application software routine) that when executed, causes a processor (control processor 24 – see e.g., para. [0044]) to perform the steps of claim 3. Thus, claim 14 is analyzed as previously discussed with respect to claim 3 above.

As to dependent claim 15, claim 15 differs from claims 4 and 5 only in that claim 15 is an apparatus claim using a machine-readable medium (memory 26 – see e.g., para. [0044]; i.e., memory 26 includes memories, such as RAM, ROM, and EEPROM) containing executable instruction (see e.g., para. [0044]; i.e., instructions provided as an application software routine) that when executed, causes a processor (control processor

24 – see e.g., para. [0044]) to perform the steps of claims 4 and 5. Thus, claim 15 is analyzed as previously discussed with respect to claims 4 and 5 above.

As to dependent claim 16, claim 16 differs from claim 6 only in that claim 16 is an apparatus claim using a machine-readable medium (memory 26 – see e.g., para. [0044]; i.e., memory 26 includes memories, such as RAM, ROM, and EEPROM) containing executable instruction (see e.g., para. [0044]; i.e., instructions provided as an application software routine) that when executed, causes a processor (control processor 24 – see e.g., para. [0044]) to perform the steps of claim 6. Thus, claim 16 is analyzed as previously discussed with respect to claim 6 above.

As to dependent claim 17, claim 17 differs from claim 7 only in that claim 17 is an apparatus claim using a machine-readable medium (memory 26 – see e.g., para. [0044]; i.e., memory 26 includes memories, such as RAM, ROM, and EEPROM) containing executable instruction (see e.g., para. [0044]; i.e., instructions provided as an application software routine) that when executed, causes a processor (control processor 24 – see e.g., para. [0044]) to perform the steps of claim 7. Thus, claim 17 is analyzed as previously discussed with respect to claim 7 above.

As to dependent claim 18, claim 18 differs from claim 8 only in that claim 18 is an apparatus claim using a machine-readable medium (memory 26 – see e.g., para. [0044]; i.e., memory 26 includes memories, such as RAM, ROM, and EEPROM) containing executable instruction (see e.g., para. [0044]; i.e., instructions provided as an application software routine) that when executed, causes a processor (control processor

Art Unit: 2179

24 – see e.g., para. [0044]) to perform the steps of claim 8. Thus, claim 18 is analyzed as previously discussed with respect to claim 8 above.

As to dependent claim 19, claim 19 differs from claim 9 only in that claim 19 is an apparatus claim using a machine-readable medium (memory 26 – see e.g., para. [0044]; i.e., memory 26 includes memories, such as RAM, ROM, and EEPROM) containing executable instruction (see e.g., para. [0044]; i.e., instructions provided as an application software routine) that when executed, causes a processor (control processor 24 – see e.g., para. [0044]) to perform the steps of claim 9. Thus, claim 19 is analyzed as previously discussed with respect to claim 9 above.

As to dependent claim 20, claim 20 differs from claim 10 only in that claim 20 is an apparatus claim using a machine-readable medium (memory 26 – see e.g., para. [0044]; i.e., memory 26 includes memories, such as RAM, ROM, and EEPROM) containing executable instruction (see e.g., para. [0044]; i.e., instructions provided as an application software routine) that when executed, causes a processor (control processor 24 – see e.g., para. [0044]) to perform the steps of claim 10. Thus, claim 20 is analyzed as previously discussed with respect to claim 10 above.

As to dependent claim 21, claim 21 differs from claim 11 only in that claim 21 is an apparatus claim using a machine-readable medium (memory 26 – see e.g., para. [0044]; i.e., memory 26 includes memories, such as RAM, ROM, and EEPROM) containing executable instruction (see e.g., para. [0044]; i.e., instructions provided as an application software routine) that when executed, causes a processor (control processor

Art Unit: 2179

24 – see e.g., para. [0044]) to perform the steps of claim 11. Thus, claim 21 is analyzed as previously discussed with respect to claim 11 above.

As to independent claim 22:

Claim 22 incorporates substantially similar subject matter as claimed in claim 12 above, and are respectfully rejected along the same rationale.

As to dependent claim 23:

Claim 23 incorporates substantially similar subject matter as claimed in claim 13 above, and are respectfully rejected along the same rationale.

As to dependent claim 24:

Claim 24 incorporates substantially similar subject matter as claimed in claim 14 above, and are respectfully rejected along the same rationale.

As to dependent claim 25:

Claim 25 incorporates substantially similar subject matter as claimed in claim 15 above, and are respectfully rejected along the same rationale.

As to dependent claim 26:

Claim 26 incorporates substantially similar subject matter as claimed in claim 16 above, and are respectfully rejected along the same rationale.

As to dependent claim 27:

Claim 27 incorporates substantially similar subject matter as claimed in claim 17 above, and are respectfully rejected along the same rationale.

As to dependent claim 28:

Art Unit: 2179

Claim 28 incorporates substantially similar subject matter as claimed in claim 18 above, and are respectfully rejected along the same rationale.

As to dependent claim 29:

Claim 29 incorporates substantially similar subject matter as claimed in claim 19 above, and are respectfully rejected along the same rationale.

As to dependent claim 30:

Claim 30 incorporates substantially similar subject matter as claimed in claim 20 above, and are respectfully rejected along the same rationale.

As to dependent claim 31:

Claim 31 incorporates substantially similar subject matter as claimed in claim 21 above, and are respectfully rejected along the same rationale.

As to independent claim 32, Friend et al. teaches:

Claim 32 incorporates substantially similar subject matter as claimed in claim 12 above, and are respectfully rejected along the same rationale.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Prior art Patent No. 6,405,175 can be applicable and pertinent to applicant's disclosure. Prior art disclosed by Ng et al. discloses a system that utilized the World Wide Web to allow users to search a product/price of a product. The search

Art Unit: 2179

uses a category and subcategory to query a database for searching a particular product.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Prior art Pub. No. 2003/0120560 can be applicable and pertinent to applicant's disclosure. Prior art disclosed by Almeida et al. discloses a system that utilized the World Wide Web to allow users to search a web based e-shopping or e-mail that uses key phrases to search for products, and further refining the search by specifying subcategories of interest.

### **Inquiries**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Henry Vuu whose telephone number is (571) 270-1048. The examiner can normally be reached on 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on (571) 272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.




Art Unit: 2179

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Henry Vuu



10/26/2006



BA HUYNH  
PRIMARY EXAMINER